



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

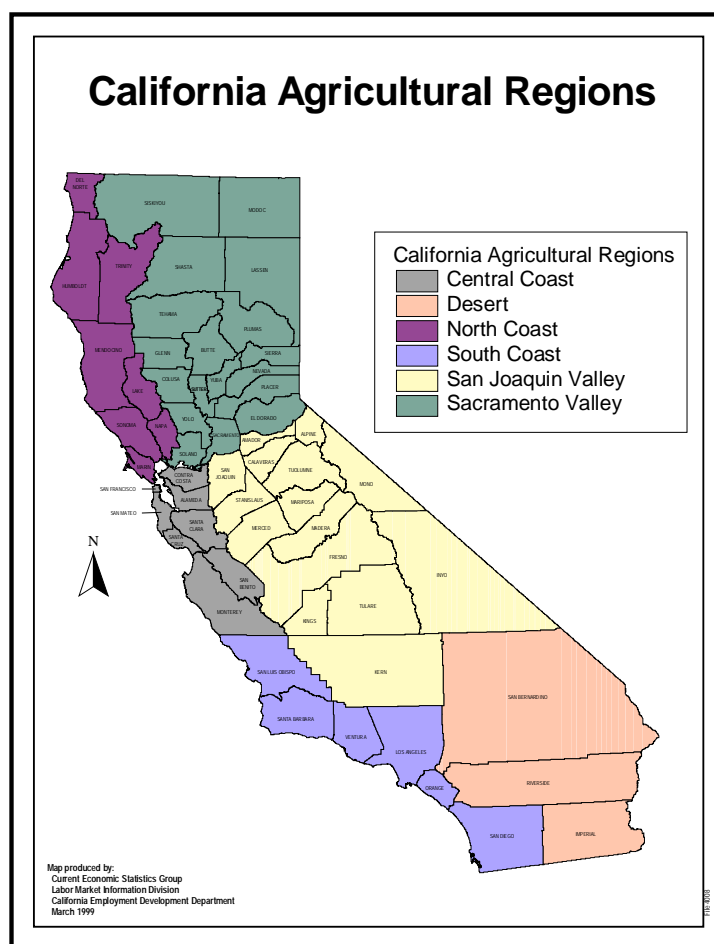
November 2000
(Internet Version)

Agricultural Overview

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This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Introduction

The California Agricultural Bulletin is produced by the Employment Development Department (EDD) in cooperation with the U.S. Department of Agriculture and through a grant from the U.S. Department of Labor. Because of changes in sampling and estimating procedures, farm employment data published by EDD prior to January 1997 may not be strictly comparable to current estimates.

Summary

Employment

California agricultural employment for November 2000 decreased 75,200 jobs from the previous month, a loss of 17 percent. Total Agricultural Production decreased 50,000 from October 2000 to November 2000, a loss of 19 percent. Agricultural Services registered a decrease of 25,200 jobs, a loss of 14 percent. A decrease in agricultural employment from October to November is normal. The change in California agricultural employment from October 1999 to November 1999 was a decrease of 70,500 jobs.

Employment in the Other Fruits and Nuts category led declines for November with a decrease of 14,800 jobs. Farm Labor Contractors followed with a decrease of 11,700. The largest increases for the month were in the Crop Planting, Cultivating and Protecting industry with a gain of 3,300 and the Other Livestock industry, which added 2,200 jobs. Total agricultural employment decreased in all regions for the month of November. This, also, is a normal pattern.

Production and Crop Activity

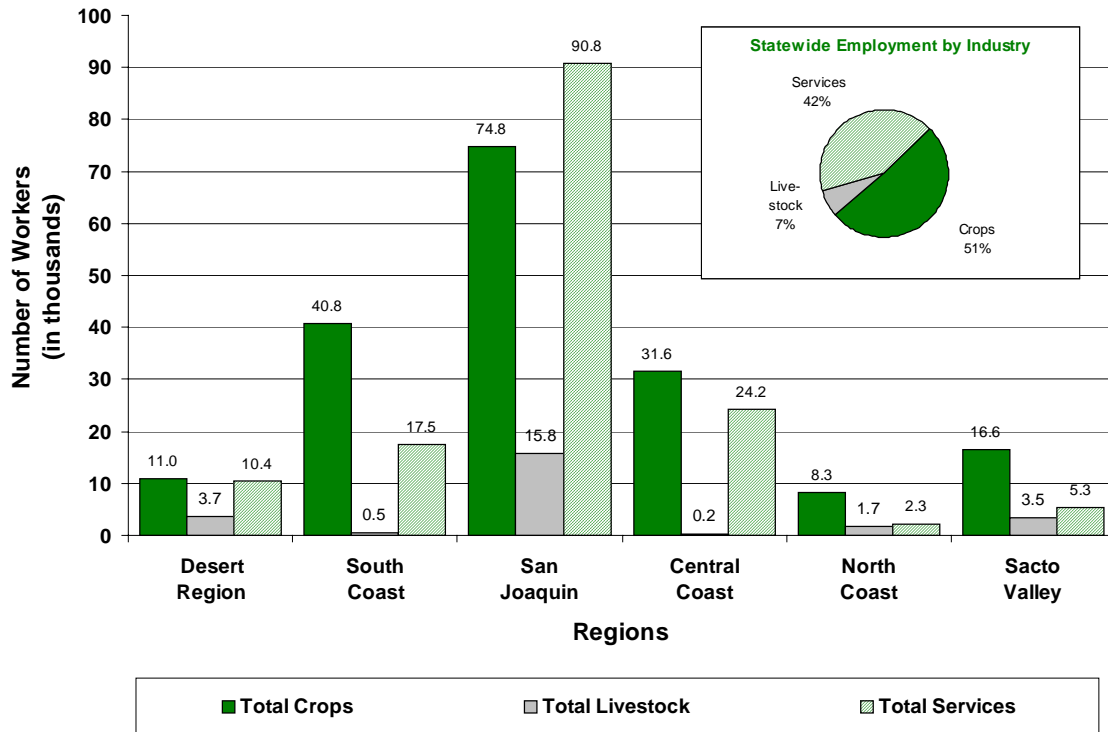
Rain during the first week of the month halted cotton field operations but activities resumed during the second week. Picking continued but harvested cotton fields were shredded or disced. Most of the corn silage harvest was completed and dairy operators covered inventories for winter storage. The planting of winter forage continued and ground preparation for the seeding of wheat, barley, and oats continued at a steady pace. Alfalfa continued to be cut and baled for hay while some fields were treated for weeds and insects. Rice harvesting also continued and some harvested fields were burned, flooded, or cultivated. The fresh market tomato harvest was winding down. Cool weather and frosty mornings halted the harvest of cucumbers, bitter melons, eggplant, string beans, and squash. Some vegetable crops were affected by the frost but the harvest of others continued. Vegetables harvested during the month included basil, bell peppers, bok choy, dry beans, broccoli, carrots, celery, chili peppers, cilantro, cucumbers, fall melons, green onions, kabocha, lettuce, okra, parsley, radishes, radicchio, and spinach.

Growers were pruning in orchards and vineyards. The picking of table grapes continued in the San Joaquin Valley, while the wine grape harvest neared an end. Pomegranate, fig, kiwifruit, and olive harvesting continued. Fuji and Granny Smith apple picking also continued. Grapefruit picking was active in the San Joaquin Valley and the harvest of new crop navel oranges continued. The harvest of Valencia oranges slowed in both southern California and the San Joaquin Valley. Harvested strawberry fields were prepared for the next crop. Pecan harvesting was active but the almond, pistachio, and walnut harvests were winding down. Growers were actively removing old nut trees.

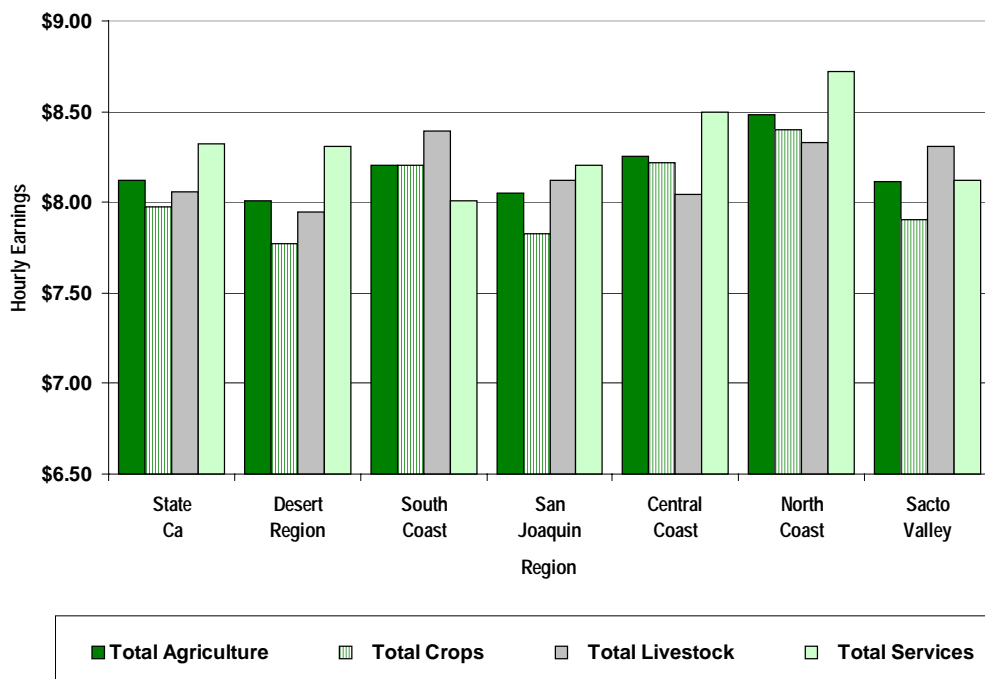
Calving and lambing continued in central and northern California. Supplemental feeding of cattle also continued. Honeybees were moved to winter sites and in the central area, turkey processing was in full swing for the holidays.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|--------------|--------------|--------------|
| Total Agriculture | 359.0 | 434.2 | 371.8 |
| Total Agricultural Production/Crops | 183.1 | 230.6 | 186.7 |
| Cash Grains | 2.5 | 4.1 | 2.7 |
| Rice | 2.0 | 3.4 | 1.6 |
| Other Cash Grains | 0.5 | 0.7 | 1.1 |
| Field Crops Except Grains | 12.9 | 17.2 | 12.2 |
| Cotton | 6.4 | 7.9 | 6.7 |
| Other Field Crops | 6.5 | 9.3 | 5.5 |
| Vegetables and Melons | 40.3 | 46.0 | 33.2 |
| Total Fruits and Tree Nuts | 75.3 | 101.5 | 79.3 |
| Berries | 15.0 | 14.6 | 14.5 |
| Grapes | 27.1 | 36.0 | 29.7 |
| Tree Nuts | 8.6 | 10.3 | 10.1 |
| Citrus Fruits | 4.0 | 2.7 | 5.6 |
| Deciduous Tree Fruit | 9.2 | 11.7 | 11.2 |
| Other Fruits & Nuts | 11.4 | 26.2 | 8.2 |
| Total Horticultural Specialties | 34.1 | 37.9 | 36.6 |
| Ornamental Floral & Nursery | 33.3 | 35.8 | 33.1 |
| Food Crops Grown Under Cover | 0.8 | 2.1 | 3.5 |
| General Farm Primarily Crop | 18.0 | 23.9 | 22.7 |
| Agricultural Production/Livestock | 25.4 | 27.9 | 28.8 |
| Beef Cattle Feed Lots | 1.8 | 1.6 | 0.7 |
| Beef Cattle Except Feed Lots | 1.0 | 2.5 | 3.5 |
| Dairy Farms | 14.1 | 14.7 | 16.2 |
| Chicken Eggs | 1.2 | 4.0 | 2.5 |
| Turkey & Turkey Eggs | 0.7 | 0.7 | 0.9 |
| Other Livestock | 6.6 | 4.4 | 5.0 |
| Total Agricultural Services | 150.5 | 175.7 | 156.3 |
| Soil Preparation Services | 0.9 | 1.0 | 1.4 |
| Crop Services | 42.8 | 50.4 | 48.9 |
| Plant Cultivate & Protection | 8.5 | 5.2 | 6.0 |
| Harvest Primarily by Machine | 4.5 | 8.8 | 6.3 |
| Preparation Services for Market | 28.2 | 34.7 | 34.9 |
| Cotton Ginning | 1.6 | 1.7 | 1.7 |
| Total Farm Labor & Management | 106.8 | 124.3 | 106.0 |
| Farm Labor Contractors | 97.4 | 109.1 | 96.7 |
| Farm Management Services | 9.4 | 15.2 | 9.3 |

Average Hourly Earnings (In dollars per hour)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 8.12 | 8.13 | 8.07 |
| Total Agricultural Production/Crops | 7.98 | 8.04 | 7.95 |
| Cash Grains | 8.02 | 8.36 | 8.39 |
| Rice | 8.21 | 8.29 | 8.47 |
| Other Cash Grains | 7.83 | 8.42 | 8.32 |
| Field Crops Except Grains | 7.90 | 7.84 | 7.99 |
| Cotton | 7.64 | 7.58 | 7.48 |
| Other Field Crops | 8.16 | 8.10 | 8.50 |
| Vegetables and Melons | 7.96 | 7.98 | 8.04 |
| Total Fruits and Tree Nuts | 7.85 | 7.98 | 7.69 |
| Berries | 7.43 | 7.98 | 7.45 |
| Grapes | 8.07 | 7.85 | 7.84 |
| Tree Nuts | 7.90 | 8.07 | 7.58 |
| Citrus Fruits | 7.83 | 8.03 | 7.80 |
| Deciduous Tree Fruit | 7.66 | 7.78 | 7.50 |
| Other Fruits & Nuts | 8.23 | 8.19 | 8.01 |
| Total Horticultural Specialties | 8.16 | 8.17 | 8.21 |
| Ornamental Floral & Nursery | 8.21 | 8.06 | 8.22 |
| Food Crops Grown Under Cover | 8.11 | 8.28 | 8.20 |
| General Farm Primarily Crop | 7.96 | 7.92 | 7.40 |
| Agricultural Production/Livestock | 8.06 | 7.90 | 7.75 |
| Beef Cattle Feed Lots | 8.43 | 7.65 | 7.77 |
| Beef Cattle Except Feed Lots | 8.28 | 8.31 | 7.76 |
| Dairy Farms | 8.63 | 8.41 | 8.06 |
| Chicken Eggs | 7.09 | 7.08 | 6.90 |
| Turkey & Turkey Eggs | 7.82 | 7.81 | 7.49 |
| Other Livestock | 8.11 | 8.17 | 8.52 |
| Total Agricultural Services | 8.32 | 8.46 | 8.50 |
| Soil Preparation Services | 8.39 | 8.58 | 8.85 |
| Crop Services | 8.53 | 8.66 | 8.62 |
| Plant Cultivate & Protection | 8.57 | 8.57 | 8.54 |
| Harvest Primarily by Machine | 8.55 | 8.63 | 8.49 |
| Preparation Services for Market | 7.92 | 7.92 | 8.07 |
| Cotton Ginning | 9.09 | 9.51 | 9.39 |
| Total Farm Labor & Management | 8.04 | 8.13 | 8.03 |
| Farm Labor Contractors | 7.81 | 7.91 | 7.74 |
| Farm Management Services | 8.27 | 8.35 | 8.32 |

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 56.0 | 66.2 | 59.4 |
| Total Agricultural Production/Crops | 31.6 | 39.0 | 34.4 |
| Cash Grains | 0.0 | 0.0 | 0.0 |
| Rice | 0.0 | 0.0 | 0.0 |
| Other Cash Grains | 0.0 | 0.0 | 0.0 |
| Field Crops Except Grains | 0.5 | 0.5 | 0.2 |
| Cotton | 0.0 | 0.0 | 0.0 |
| Other Field Crops | 0.5 | 0.5 | 0.2 |
| Vegetables and Melons | 12.3 | 15.5 | 13.7 |
| Total Fruits and Tree Nuts | 9.3 | 11.0 | 9.2 |
| Berries | 5.7 | 8.6 | 7.0 |
| Grapes | 2.8 | 0.2 | 1.0 |
| Tree Nuts | 0.0 | 0.1 | 0.3 |
| Citrus Fruits | 0.0 | 0.0 | 0.0 |
| Deciduous Tree Fruit | 0.2 | 0.6 | 0.8 |
| Other Fruits & Nuts | 0.6 | 1.5 | 0.1 |
| Total Horticultural Specialties | 8.9 | 10.4 | 9.6 |
| Ornamental Floral & Nursery | 8.9 | 8.9 | 7.5 |
| Food Crops Grown Under Cover | 0.0 | 1.5 | 2.1 |
| General Farm Primarily Crop | 0.6 | 1.6 | 1.7 |
| Agricultural Production/Livestock | 0.2 | 0.4 | 0.9 |
| Beef Cattle Feed Lots | 0.0 | 0.0 | 0.0 |
| Beef Cattle Except Feed Lots | 0.0 | 0.0 | 0.3 |
| Dairy Farms | 0.0 | 0.0 | 0.1 |
| Chicken Eggs | 0.0 | 0.0 | 0.1 |
| Turkey & Turkey Eggs | 0.0 | 0.1 | 0.1 |
| Other Livestock | 0.2 | 0.3 | 0.3 |
| Total Agricultural Services | 24.2 | 26.8 | 24.1 |
| Soil Preparation Services | 0.0 | 0.1 | 0.3 |
| Crop Services | 10.7 | 11.2 | 9.9 |
| Plant Cultivate & Protection | 0.0 | 0.0 | 0.6 |
| Harvest Primarily by Machine | 2.6 | 2.9 | 1.9 |
| Preparation Services for Market | 8.1 | 8.3 | 7.4 |
| Cotton Ginning | 0.0 | 0.0 | 0.0 |
| Total Farm Labor & Management | 13.5 | 15.5 | 13.9 |
| Farm Labor Contractors | 12.0 | 11.8 | 12.4 |
| Farm Management Services | 1.5 | 3.7 | 1.5 |

na = not available

Average Hourly Earnings
(In dollars per hour)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 8.25 | 8.21 | 7.99 |
| Total Agricultural Production/Crops | 8.22 | 8.30 | 8.01 |
| Cash Grains | na | na | na |
| Rice | na | na | na |
| Other Cash Grains | na | na | na |
| Field Crops Except Grains | 8.32 | 8.25 | 8.27 |
| Cotton | na | na | na |
| Other Field Crops | 8.32 | 8.25 | 8.27 |
| Vegetables and Melons | 8.16 | 8.18 | 8.56 |
| Total Fruits and Tree Nuts | 7.94 | 8.38 | 7.72 |
| Berries | 7.96 | 8.49 | 7.65 |
| Grapes | 8.10 | 7.73 | 8.21 |
| Tree Nuts | na | 8.70 | 7.55 |
| Citrus Fruits | na | na | na |
| Deciduous Tree Fruit | 7.29 | 8.16 | 7.17 |
| Other Fruits & Nuts | 8.39 | 8.83 | 8.01 |
| Total Horticultural Specialties | 8.61 | 8.46 | 8.49 |
| Ornamental Floral & Nursery | 8.61 | 8.69 | 8.45 |
| Food Crops Grown Under Cover | na | 8.23 | 8.52 |
| General Farm Primarily Crop | 8.06 | 8.24 | 7.01 |
| Agricultural Production/Livestock | 8.04 | 7.89 | 7.65 |
| Beef Cattle Feed Lots | na | na | na |
| Beef Cattle Except Feed Lots | na | na | 7.78 |
| Dairy Farms | na | na | 8.12 |
| Chicken Eggs | na | na | 7.00 |
| Turkey & Turkey Eggs | na | 7.81 | 6.57 |
| Other Livestock | 8.04 | 7.96 | 8.79 |
| Total Agricultural Services | 8.50 | 8.45 | 8.31 |
| Soil Preparation Services | na | 8.33 | 8.24 |
| Crop Services | 8.75 | 8.72 | 8.42 |
| Plant Cultivate & Protection | na | na | 8.21 |
| Harvest Primarily by Machine | 9.05 | 9.02 | 8.40 |
| Preparation Services for Market | 8.45 | 8.42 | 8.64 |
| Cotton Ginning | na | na | na |
| Total Farm Labor & Management | 8.25 | 8.30 | 8.27 |
| Farm Labor Contractors | 7.91 | 7.92 | 7.90 |
| Farm Management Services | 8.59 | 8.68 | 8.63 |

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 25.1 | 27.9 | 29.2 |
| Total Agricultural Production/Crops | 11.0 | 11.5 | 12.3 |
| Cash Grains | 0.0 | 0.0 | 0.1 |
| Rice | 0.0 | 0.0 | 0.0 |
| Other Cash Grains | 0.0 | 0.0 | 0.1 |
| Field Crops Except Grains | 2.6 | 1.7 | 1.6 |
| Cotton | 0.3 | 0.3 | 0.0 |
| Other Field Crops | 2.3 | 1.4 | 1.6 |
| Vegetables and Melons | 1.8 | 3.0 | 3.5 |
| Total Fruits and Tree Nuts | 2.3 | 3.7 | 3.5 |
| Berries | 0.0 | 0.0 | 0.1 |
| Grapes | 0.1 | 0.1 | 0.9 |
| Tree Nuts | 0.1 | 0.1 | 0.3 |
| Citrus Fruits | 1.5 | 0.5 | 1.1 |
| Deciduous Tree Fruit | 0.0 | 0.0 | 0.1 |
| Other Fruits & Nuts | 0.6 | 3.0 | 1.0 |
| Total Horticultural Specialties | 2.3 | 1.1 | 1.7 |
| Ornamental Floral & Nursery | 2.3 | 1.1 | 1.6 |
| Food Crops Grown Under Cover | 0.0 | 0.0 | 0.1 |
| General Farm Primarily Crop | 2.0 | 2.0 | 1.9 |
| Agricultural Production/Livestock | 3.7 | 4.8 | 5.4 |
| Beef Cattle Feed Lots | 0.4 | 0.6 | 0.2 |
| Beef Cattle Except Feed Lots | 0.0 | 0.5 | 0.5 |
| Dairy Farms | 2.2 | 1.3 | 2.9 |
| Chicken Eggs | 0.8 | 1.2 | 1.2 |
| Turkey & Turkey Eggs | 0.0 | 0.0 | 0.0 |
| Other Livestock | 0.3 | 1.2 | 0.6 |
| Total Agricultural Services | 10.4 | 11.6 | 11.5 |
| Soil Preparation Services | 0.0 | 0.2 | 0.2 |
| Crop Services | 2.0 | 3.4 | 3.7 |
| Plant Cultivate & Protection | 0.4 | 0.3 | 0.4 |
| Harvest Primarily by Machine | 0.0 | 1.1 | 0.6 |
| Preparation Services for Market | 1.2 | 1.6 | 2.6 |
| Cotton Ginning | 0.4 | 0.4 | 0.1 |
| Total Farm Labor & Management | 8.4 | 8.0 | 7.6 |
| Farm Labor Contractors | 8.2 | 7.2 | 6.9 |
| Farm Management Services | 0.2 | 0.8 | 0.7 |

na = not available

Average Hourly Earnings (In dollars per hour)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 8.01 | 8.05 | 8.07 |
| Total Agricultural Production/Crops | 7.77 | 7.72 | 7.92 |
| Cash Grains | na | na | 8.94 |
| Rice | na | na | na |
| Other Cash Grains | na | na | 8.94 |
| Field Crops Except Grains | 7.89 | 7.89 | 8.39 |
| Cotton | 7.77 | 7.77 | na |
| Other Field Crops | 8.01 | 8.00 | 8.39 |
| Vegetables and Melons | 7.62 | 7.67 | 7.22 |
| Total Fruits and Tree Nuts | 7.77 | 7.90 | 7.97 |
| Berries | na | na | 7.91 |
| Grapes | 7.66 | 7.66 | 7.74 |
| Tree Nuts | 7.00 | 7.41 | 7.63 |
| Citrus Fruits | 7.82 | 8.08 | 8.44 |
| Deciduous Tree Fruit | na | na | 8.05 |
| Other Fruits & Nuts | 8.60 | 8.46 | 8.03 |
| Total Horticultural Specialties | 7.88 | 7.60 | 8.25 |
| Ornamental Floral & Nursery | 7.88 | 7.60 | 8.10 |
| Food Crops Grown Under Cover | na | na | 8.39 |
| General Farm Primarily Crop | 7.71 | 7.52 | 6.77 |
| Agricultural Production/Livestock | 7.95 | 7.92 | 7.74 |
| Beef Cattle Feed Lots | 8.34 | 7.54 | 7.45 |
| Beef Cattle Except Feed Lots | na | 8.38 | 7.56 |
| Dairy Farms | 8.57 | 8.57 | 8.15 |
| Chicken Eggs | 7.28 | 7.17 | 6.83 |
| Turkey & Turkey Eggs | na | na | na |
| Other Livestock | 7.59 | 7.96 | 8.71 |
| Total Agricultural Services | 8.31 | 8.51 | 8.55 |
| Soil Preparation Services | na | 8.88 | 8.95 |
| Crop Services | 8.35 | 8.42 | 8.55 |
| Plant Cultivate & Protection | 8.27 | 8.25 | 8.90 |
| Harvest Primarily by Machine | na | 8.43 | 8.40 |
| Preparation Services for Market | 7.67 | 7.73 | 7.75 |
| Cotton Ginning | 9.10 | 9.25 | 9.16 |
| Total Farm Labor & Management | 8.27 | 8.25 | 8.16 |
| Farm Labor Contractors | 8.49 | 8.45 | 7.88 |
| Farm Management Services | 8.04 | 8.04 | 8.43 |

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 12.3 | 19.3 | 13.8 |
| Total Agricultural Production/Crops | 8.3 | 13.0 | 10.0 |
| Cash Grains | 0.0 | 0.0 | 0.0 |
| Rice | 0.0 | 0.0 | 0.0 |
| Other Cash Grains | 0.0 | 0.0 | 0.0 |
| Field Crops Except Grains | 0.0 | 0.0 | 0.0 |
| Cotton | 0.0 | 0.0 | 0.0 |
| Other Field Crops | 0.0 | 0.0 | 0.0 |
| Vegetables and Melons | 0.3 | 0.4 | 0.3 |
| Total Fruits and Tree Nuts | 6.3 | 10.6 | 8.0 |
| Berries | 0.0 | 0.0 | 0.0 |
| Grapes | 5.6 | 9.6 | 6.9 |
| Tree Nuts | 0.1 | 0.3 | 0.3 |
| Citrus Fruits | 0.0 | 0.0 | 0.0 |
| Deciduous Tree Fruit | 0.2 | 0.7 | 0.7 |
| Other Fruits & Nuts | 0.4 | 0.0 | 0.1 |
| Total Horticultural Specialties | 1.0 | 1.3 | 1.4 |
| Ornamental Floral & Nursery | 1.0 | 1.3 | 1.2 |
| Food Crops Grown Under Cover | 0.0 | 0.0 | 0.2 |
| General Farm Primarily Crop | 0.7 | 0.7 | 0.3 |
| Agricultural Production/Livestock | 1.7 | 1.2 | 1.8 |
| Beef Cattle Feed Lots | 0.0 | 0.0 | 0.1 |
| Beef Cattle Except Feed Lots | 0.2 | 0.2 | 0.2 |
| Dairy Farms | 0.5 | 1.0 | 0.9 |
| Chicken Eggs | 0.0 | 0.0 | 0.1 |
| Turkey & Turkey Eggs | 0.0 | 0.0 | 0.1 |
| Other Livestock | 1.0 | 0.0 | 0.4 |
| Total Agricultural Services | 2.3 | 5.1 | 2.0 |
| Soil Preparation Services | 0.0 | 0.0 | 0.0 |
| Crop Services | 0.0 | 0.0 | 0.2 |
| Plant Cultivate & Protection | 0.0 | 0.0 | 0.0 |
| Harvest Primarily by Machine | 0.0 | 0.0 | 0.0 |
| Preparation Services for Market | 0.0 | 0.0 | 0.2 |
| Cotton Ginning | 0.0 | 0.0 | 0.0 |
| Total Farm Labor & Management | 2.3 | 5.1 | 1.8 |
| Farm Labor Contractors | 0.0 | 0.2 | 0.4 |
| Farm Management Services | 2.3 | 4.9 | 1.4 |

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 8.48 | 8.35 | 8.18 |
| Total Agricultural Production/Crops | 8.40 | 8.42 | 8.25 |
| Cash Grains | na | na | na |
| Rice | na | na | na |
| Other Cash Grains | na | na | na |
| Field Crops Except Grains | na | na | na |
| Cotton | na | na | na |
| Other Field Crops | na | na | na |
| Vegetables and Melons | 8.27 | 8.49 | 8.57 |
| Total Fruits and Tree Nuts | 8.56 | 8.51 | 7.91 |
| Berries | na | na | na |
| Grapes | 8.68 | 8.70 | 8.31 |
| Tree Nuts | 8.50 | 8.43 | 7.55 |
| Citrus Fruits | na | na | na |
| Deciduous Tree Fruit | 8.58 | 8.39 | 8.29 |
| Other Fruits & Nuts | 8.48 | na | 7.47 |
| Total Horticultural Specialties | 8.68 | 8.62 | 8.48 |
| Ornamental Floral & Nursery | 8.68 | 8.62 | 8.70 |
| Food Crops Grown Under Cover | na | na | 8.26 |
| General Farm Primarily Crop | 8.08 | 8.05 | 8.03 |
| Agricultural Production/Livestock | 8.33 | 8.23 | 7.89 |
| Beef Cattle Feed Lots | na | na | 8.17 |
| Beef Cattle Except Feed Lots | 8.02 | 8.05 | 7.83 |
| Dairy Farms | 8.54 | 8.40 | 7.83 |
| Chicken Eggs | na | na | 7.12 |
| Turkey & Turkey Eggs | na | na | 7.95 |
| Other Livestock | 8.43 | na | 8.41 |
| Total Agricultural Services | 8.72 | 8.40 | 8.40 |
| Soil Preparation Services | na | na | na |
| Crop Services | na | na | 8.03 |
| Plant Cultivate & Protection | na | na | na |
| Harvest Primarily by Machine | na | na | na |
| Preparation Services for Market | na | na | 8.03 |
| Cotton Ginning | na | na | na |
| Total Farm Labor & Management | 8.72 | 8.40 | 8.78 |
| Farm Labor Contractors | na | 7.91 | 8.49 |
| Farm Management Services | 8.72 | 8.89 | 9.06 |

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 58.8 | 62.6 | 58.1 |
| Total Agricultural Production/Crops | 40.8 | 45.6 | 42.4 |
| Cash Grains | 0.0 | 0.1 | 0.2 |
| Rice | 0.0 | 0.0 | 0.0 |
| Other Cash Grains | 0.0 | 0.1 | 0.2 |
| Field Crops Except Grains | 1.2 | 1.3 | 0.3 |
| Cotton | 0.0 | 0.0 | 0.1 |
| Other Field Crops | 1.2 | 1.3 | 0.3 |
| Vegetables and Melons | 9.1 | 8.6 | 9.1 |
| Total Fruits and Tree Nuts | 15.8 | 16.9 | 12.7 |
| Berries | 8.8 | 6.0 | 7.2 |
| Grapes | 0.6 | 0.8 | 2.0 |
| Tree Nuts | 0.0 | 0.0 | 0.1 |
| Citrus Fruits | 1.7 | 1.2 | 1.7 |
| Deciduous Tree Fruit | 0.1 | 0.1 | 0.2 |
| Other Fruits & Nuts | 4.6 | 8.8 | 1.5 |
| Total Horticultural Specialties | 13.4 | 17.6 | 16.8 |
| Ornamental Floral & Nursery | 13.0 | 17.0 | 16.0 |
| Food Crops Grown Under Cover | 0.4 | 0.6 | 0.8 |
| General Farm Primarily Crop | 1.3 | 1.1 | 3.3 |
| Agricultural Production/Livestock | 0.5 | 2.1 | 2.1 |
| Beef Cattle Feed Lots | 0.0 | 0.0 | 0.0 |
| Beef Cattle Except Feed Lots | 0.2 | 0.2 | 0.4 |
| Dairy Farms | 0.0 | 0.0 | 0.2 |
| Chicken Eggs | 0.0 | 0.9 | 0.5 |
| Turkey & Turkey Eggs | 0.0 | 0.0 | 0.0 |
| Other Livestock | 0.3 | 1.0 | 1.0 |
| Total Agricultural Services | 17.5 | 14.9 | 13.6 |
| Soil Preparation Services | 0.0 | 0.0 | 0.1 |
| Crop Services | 1.5 | 3.1 | 3.1 |
| Plant Cultivate & Protection | 0.3 | 0.7 | 0.5 |
| Harvest Primarily by Machine | 0.0 | 0.0 | 0.8 |
| Preparation Services for Market | 1.2 | 2.4 | 1.8 |
| Cotton Ginning | 0.0 | 0.0 | 0.0 |
| Total Farm Labor & Management | 16.0 | 11.8 | 10.4 |
| Farm Labor Contractors | 13.0 | 10.5 | 9.5 |
| Farm Management Services | 3.0 | 1.3 | 0.9 |

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 8.20 | 8.13 | 8.10 |
| Total Agricultural Production/Crops | 8.20 | 8.21 | 7.84 |
| Cash Grains | na | 8.67 | 7.59 |
| Rice | na | na | na |
| Other Cash Grains | na | 8.67 | 7.59 |
| Field Crops Except Grains | 8.61 | 8.34 | 8.01 |
| Cotton | na | na | 7.31 |
| Other Field Crops | 8.61 | 8.34 | 8.70 |
| Vegetables and Melons | 8.00 | 7.87 | 8.57 |
| Total Fruits and Tree Nuts | 8.00 | 7.95 | 7.43 |
| Berries | 7.76 | 7.46 | 6.51 |
| Grapes | 8.15 | 7.86 | 7.57 |
| Tree Nuts | na | na | 7.32 |
| Citrus Fruits | 8.36 | 8.60 | 7.67 |
| Deciduous Tree Fruit | 7.32 | 7.40 | 7.04 |
| Other Fruits & Nuts | 8.41 | 8.43 | 8.48 |
| Total Horticultural Specialties | 8.35 | 8.14 | 8.22 |
| Ornamental Floral & Nursery | 8.12 | 7.94 | 8.29 |
| Food Crops Grown Under Cover | 8.57 | 8.33 | 8.15 |
| General Farm Primarily Crop | 8.05 | 8.29 | 7.22 |
| Agricultural Production/Livestock | 8.40 | 8.05 | 7.93 |
| Beef Cattle Feed Lots | na | na | na |
| Beef Cattle Except Feed Lots | 8.62 | 8.58 | 7.78 |
| Dairy Farms | na | na | 8.43 |
| Chicken Eggs | na | 7.13 | 6.49 |
| Turkey & Turkey Eggs | na | na | na |
| Other Livestock | 8.17 | 8.45 | 9.02 |
| Total Agricultural Services | 8.01 | 8.11 | 8.53 |
| Soil Preparation Services | na | na | 9.29 |
| Crop Services | 8.27 | 8.24 | 8.41 |
| Plant Cultivate & Protection | 8.74 | 8.71 | 8.41 |
| Harvest Primarily by Machine | na | na | 8.83 |
| Preparation Services for Market | 7.80 | 7.76 | 8.00 |
| Cotton Ginning | na | na | na |
| Total Farm Labor & Management | 7.75 | 7.99 | 7.89 |
| Farm Labor Contractors | 7.50 | 7.86 | 7.93 |
| Farm Management Services | 8.00 | 8.12 | 7.84 |

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|--------------|--------------|--------------|
| Total Agriculture | 181.4 | 219.3 | 181.7 |
| Total Agricultural Production/Crops | 74.8 | 94.6 | 67.6 |
| Cash Grains | 1.0 | 0.0 | 0.4 |
| Rice | 0.8 | 0.0 | 0.1 |
| Other Cash Grains | 0.2 | 0.0 | 0.3 |
| Field Crops Except Grains | 7.5 | 12.5 | 9.0 |
| Cotton | 6.1 | 7.6 | 6.6 |
| Other Field Crops | 1.4 | 4.9 | 2.4 |
| Vegetables and Melons | 15.5 | 14.1 | 4.8 |
| Total Fruits and Tree Nuts | 33.2 | 49.4 | 37.0 |
| Berries | 0.3 | 0.0 | 0.2 |
| Grapes | 17.7 | 24.1 | 17.8 |
| Tree Nuts | 5.8 | 6.8 | 6.3 |
| Citrus Fruits | 0.8 | 1.0 | 2.7 |
| Deciduous Tree Fruit | 5.1 | 6.2 | 6.0 |
| Other Fruits & Nuts | 3.5 | 11.3 | 4.0 |
| Total Horticultural Specialties | 6.5 | 5.6 | 4.6 |
| Ornamental Floral & Nursery | 6.1 | 5.6 | 4.5 |
| Food Crops Grown Under Cover | 0.4 | 0.0 | 0.1 |
| General Farm Primarily Crop | 11.1 | 13.0 | 11.8 |
| Agricultural Production/Livestock | 15.8 | 18.4 | 16.4 |
| Beef Cattle Feed Lots | 1.1 | 1.0 | 0.3 |
| Beef Cattle Except Feed Lots | 0.5 | 1.4 | 1.4 |
| Dairy Farms | 11.2 | 12.3 | 11.3 |
| Chicken Eggs | 0.4 | 1.9 | 0.6 |
| Turkey & Turkey Eggs | 0.7 | 0.6 | 0.7 |
| Other Livestock | 1.9 | 1.2 | 2.1 |
| Total Agricultural Services | 90.8 | 106.3 | 97.7 |
| Soil Preparation Services | 0.9 | 0.7 | 0.7 |
| Crop Services | 26.5 | 26.2 | 28.3 |
| Plant Cultivate & Protection | 6.6 | 3.2 | 3.9 |
| Harvest Primarily by Machine | 1.5 | 4.6 | 2.6 |
| Preparation Services for Market | 17.2 | 17.1 | 20.2 |
| Cotton Ginning | 1.2 | 1.3 | 1.6 |
| Total Farm Labor & Management | 63.4 | 79.4 | 68.7 |
| Farm Labor Contractors | 61.1 | 74.9 | 64.3 |
| Farm Management Services | 2.3 | 4.5 | 4.4 |

na = not available

Average Hourly Earnings (In dollars per hour)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 8.05 | 8.03 | 8.02 |
| Total Agricultural Production/Crops | 7.82 | 7.71 | 7.82 |
| Cash Grains | 8.01 | na | 8.22 |
| Rice | 8.32 | na | 8.08 |
| Other Cash Grains | 7.69 | na | 8.36 |
| Field Crops Except Grains | 7.63 | 7.72 | 8.02 |
| Cotton | 7.51 | 7.39 | 7.64 |
| Other Field Crops | 7.74 | 8.05 | 8.40 |
| Vegetables and Melons | 7.87 | 7.82 | 7.67 |
| Total Fruits and Tree Nuts | 7.36 | 7.45 | 7.72 |
| Berries | 6.83 | na | 7.73 |
| Grapes | 7.59 | 7.56 | 7.66 |
| Tree Nuts | 7.88 | 7.81 | 7.97 |
| Citrus Fruits | 7.31 | 7.40 | 7.88 |
| Deciduous Tree Fruit | 7.09 | 7.09 | 7.08 |
| Other Fruits & Nuts | 7.43 | 7.40 | 8.02 |
| Total Horticultural Specialties | 7.89 | 7.63 | 7.85 |
| Ornamental Floral & Nursery | 8.12 | 7.63 | 7.55 |
| Food Crops Grown Under Cover | 7.65 | na | 8.15 |
| General Farm Primarily Crop | 8.20 | 7.91 | 7.43 |
| Agricultural Production/Livestock | 8.12 | 8.02 | 7.85 |
| Beef Cattle Feed Lots | 8.13 | 7.75 | 7.68 |
| Beef Cattle Except Feed Lots | 8.46 | 8.56 | 7.83 |
| Dairy Farms | 8.84 | 8.58 | 8.31 |
| Chicken Eggs | 6.90 | 6.94 | 7.05 |
| Turkey & Turkey Eggs | 7.82 | 7.80 | 7.95 |
| Other Livestock | 8.59 | 8.47 | 8.27 |
| Total Agricultural Services | 8.20 | 8.36 | 8.38 |
| Soil Preparation Services | 8.39 | 8.53 | 9.19 |
| Crop Services | 8.42 | 8.68 | 8.51 |
| Plant Cultivate & Protection | 8.71 | 8.78 | 8.48 |
| Harvest Primarily by Machine | 8.27 | 8.59 | 8.34 |
| Preparation Services for Market | 7.62 | 7.59 | 7.60 |
| Cotton Ginning | 9.07 | 9.76 | 9.61 |
| Total Farm Labor & Management | 7.80 | 7.88 | 7.44 |
| Farm Labor Contractors | 7.46 | 7.72 | 7.12 |
| Farm Management Services | 8.14 | 8.03 | 7.76 |

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 25.4 | 38.9 | 29.5 |
| Total Agricultural Production/Crops | 16.6 | 26.9 | 19.9 |
| Cash Grains | 1.5 | 4.0 | 2.0 |
| Rice | 1.2 | 3.4 | 1.5 |
| Other Cash Grains | 0.3 | 0.6 | 0.5 |
| Field Crops Except Grains | 1.1 | 1.2 | 1.0 |
| Cotton | 0.0 | 0.0 | 0.0 |
| Other Field Crops | 1.1 | 1.2 | 1.0 |
| Vegetables and Melons | 1.3 | 4.4 | 1.8 |
| Total Fruits and Tree Nuts | 8.4 | 9.9 | 8.9 |
| Berries | 0.2 | 0.0 | 0.0 |
| Grapes | 0.3 | 1.2 | 1.1 |
| Tree Nuts | 2.6 | 3.0 | 2.8 |
| Citrus Fruits | 0.0 | 0.0 | 0.1 |
| Deciduous Tree Fruit | 3.6 | 4.1 | 3.4 |
| Other Fruits & Nuts | 1.7 | 1.6 | 1.5 |
| Total Horticultural Specialties | 2.0 | 1.9 | 2.5 |
| Ornamental Floral & Nursery | 2.0 | 1.9 | 2.3 |
| Food Crops Grown Under Cover | 0.0 | 0.0 | 0.2 |
| General Farm Primarily Crop | 2.3 | 5.5 | 3.7 |
| Agricultural Production/Livestock | 3.5 | 1.0 | 2.2 |
| Beef Cattle Feed Lots | 0.3 | 0.0 | 0.1 |
| Beef Cattle Except Feed Lots | 0.1 | 0.2 | 0.7 |
| Dairy Farms | 0.2 | 0.1 | 0.8 |
| Chicken Eggs | 0.0 | 0.0 | 0.0 |
| Turkey & Turkey Eggs | 0.0 | 0.0 | 0.0 |
| Other Livestock | 2.9 | 0.7 | 0.6 |
| Total Agricultural Services | 5.3 | 11.0 | 7.4 |
| Soil Preparation Services | 0.0 | 0.0 | 0.1 |
| Crop Services | 2.1 | 6.5 | 3.7 |
| Plant Cultivate & Protection | 1.2 | 1.0 | 0.6 |
| Harvest Primarily by Machine | 0.4 | 0.2 | 0.4 |
| Preparation Services for Market | 0.5 | 5.3 | 2.7 |
| Cotton Ginning | 0.0 | 0.0 | 0.0 |
| Total Farm Labor & Management | 3.2 | 4.5 | 3.6 |
| Farm Labor Contractors | 3.1 | 4.5 | 3.2 |
| Farm Management Services | 0.1 | 0.0 | 0.4 |

na = not available

Average Hourly Earnings (In dollars per hour)

| Industry | Nov 2000 | Oct 2000 | Nov 1999 |
|--|-------------|-------------|-------------|
| Total Agriculture | 8.11 | 7.96 | 8.03 |
| Total Agricultural Production/Crops | 7.91 | 7.86 | 8.08 |
| Cash Grains | 8.04 | 8.23 | 8.62 |
| Rice | 8.10 | 8.29 | 8.86 |
| Other Cash Grains | 7.97 | 8.17 | 8.37 |
| Field Crops Except Grains | 8.13 | 7.86 | 8.75 |
| Cotton | na | na | na |
| Other Field Crops | 8.13 | 7.86 | 8.75 |
| Vegetables and Melons | 7.82 | 7.83 | 7.66 |
| Total Fruits and Tree Nuts | 7.93 | 7.82 | 7.51 |
| Berries | 7.17 | na | na |
| Grapes | 8.21 | 7.58 | 7.55 |
| Tree Nuts | 8.21 | 8.01 | 7.46 |
| Citrus Fruits | na | na | 7.20 |
| Deciduous Tree Fruit | 8.00 | 7.86 | 7.34 |
| Other Fruits & Nuts | 8.04 | 7.84 | 8.02 |
| Total Horticultural Specialties | 7.84 | 7.90 | 7.99 |
| Ornamental Floral & Nursery | 7.84 | 7.90 | 8.22 |
| Food Crops Grown Under Cover | na | na | 7.75 |
| General Farm Primarily Crop | 7.68 | 7.52 | 7.93 |
| Agricultural Production/Livestock | 8.31 | 8.03 | 7.76 |
| Beef Cattle Feed Lots | 8.83 | na | 7.79 |
| Beef Cattle Except Feed Lots | 8.00 | 8.00 | 7.76 |
| Dairy Farms | 8.56 | 8.10 | 7.54 |
| Chicken Eggs | na | na | na |
| Turkey & Turkey Eggs | na | na | na |
| Other Livestock | 7.84 | 7.99 | 7.93 |
| Total Agricultural Services | 8.12 | 7.99 | 8.25 |
| Soil Preparation Services | na | na | 8.57 |
| Crop Services | 8.33 | 8.37 | 8.52 |
| Plant Cultivate & Protection | 8.56 | 8.54 | 8.70 |
| Harvest Primarily by Machine | 8.34 | 8.48 | 8.49 |
| Preparation Services for Market | 8.08 | 8.08 | 8.37 |
| Cotton Ginning | na | na | na |
| Total Farm Labor & Management | 7.91 | 7.61 | 7.65 |
| Farm Labor Contractors | 7.67 | 7.61 | 7.11 |
| Farm Management Services | 8.15 | na | 8.18 |

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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Labor Market Information Division
Publications Information Unit
7000 Franklin Blvd., Building 1100
Sacramento, CA 95823

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